

Figure 1

Fig. 2. PEM Mass Increases Due to Humidified Air  
at  $95 \pm 5\%$  RH/ca.  $23^\circ\text{C}$  (Air Pre-Heat:  $125^\circ\text{C}/60\text{ Hr}$ )

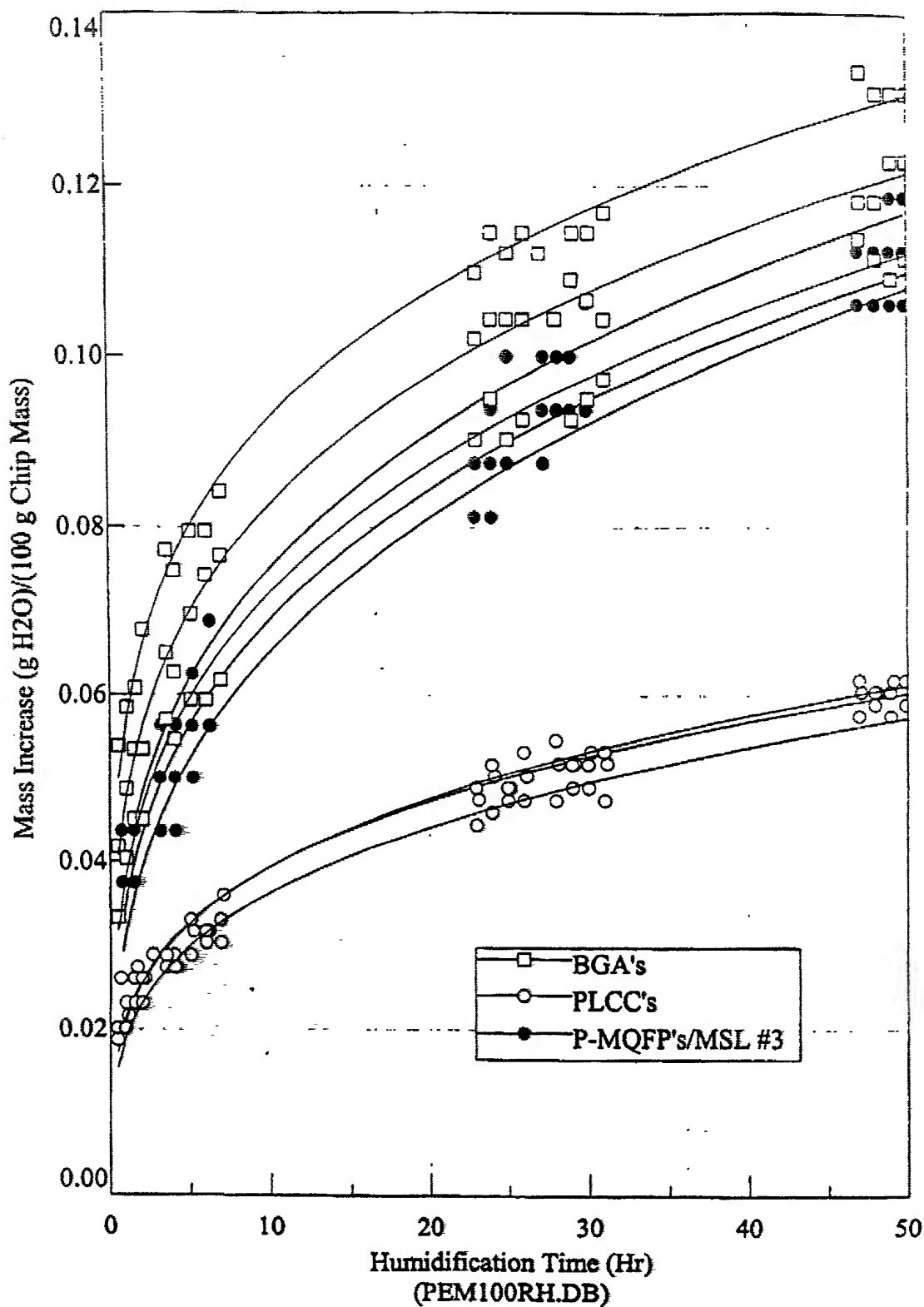


Fig. 3. Theoretical PEM Mass Increases Due to Humidified Air (PEM MSL 3 With Air Pre-Heat at 125 C/60 Hr)

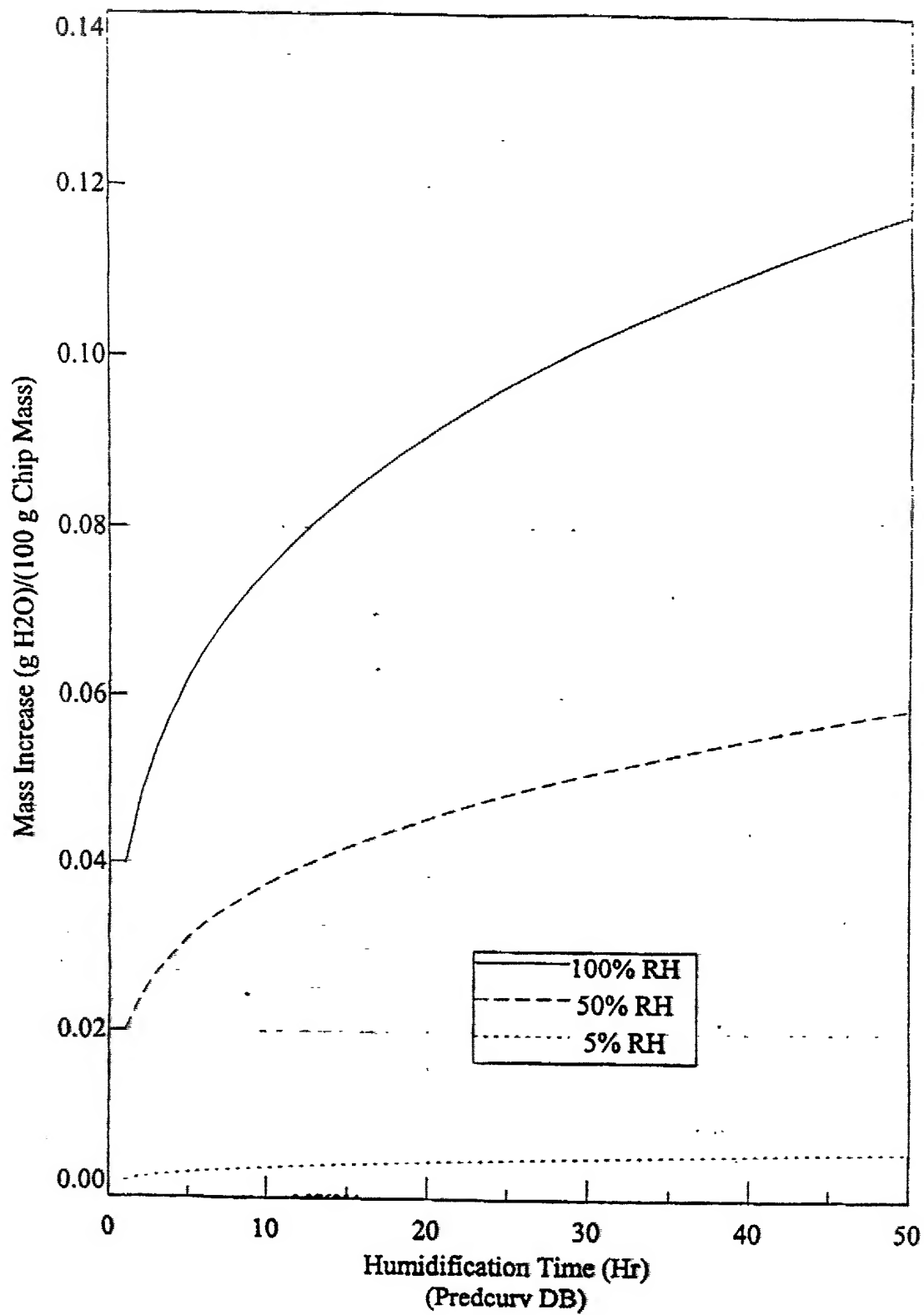


Fig. 4. Mass Increases in MSL 3 MQFP's Due to Humidified Air at  $50\pm 5\%$  and  $95\pm 5\%$  RH and at  $23\pm 2$  C  
(Air Pre-Heat: 125 C/60 Hr)

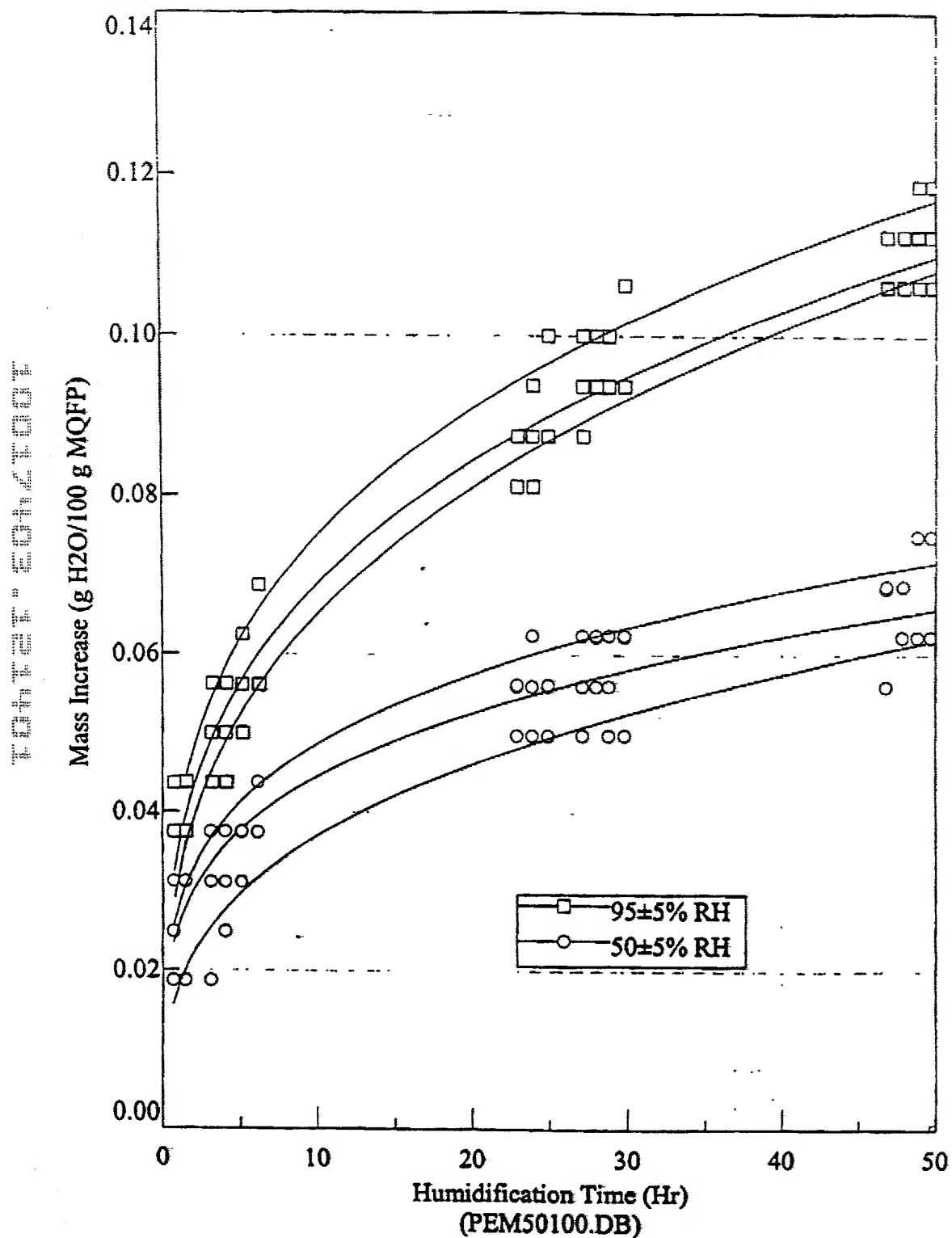


Fig. 5. BGA/PLCC PEM Mass Decrease Due to Drying at 125 C  
in Air (PEM's Previously Saturated at ca. 100 % RH/23 C)

